BEST 610

700VA TO 20kVA (230V)

UNINTERRUPTIBLE POWER SYSTEMS

The optimum choice for uninterruptible power

PROVIDING POWER PROTECTION FOR:

- Workstations
- LAN's / WAN's
- Mini and mainframe computers
- Single, centralised and clustered servers
- Telecommunications and enterprise networks

THE BENEFITS

The Best 610 is a high frequency PWM true on-line double conversion UPS with models from 700VA to 20kVA with single and three-phase inputs as standard. The Best 610 benefits from a small footprint, simple operation and advanced user and computer interfaces. Reliability and technical support are second to none.

TRUE ON LINE DOUBLE CONVERSION

The Best 610 family of UPS systems utilise true on-line double conversion technology. This means that the supply to the load is always a sinewave generated inside the UPS by the inverter and only in bypass mode is the load connected to the line. Off-line, line interactive and single conversion units are always dependant on the integrity of the input line. Only double conversion has a sustainable output that is independent of the input waveform.

THE INTEGRITY OF DOUBLE CONVERSION.

Whether your input is supplied from the utility, diesel generator or battery, the Best 610 system internally generates the highest quality power. High frequency PWM technology specially developed for modern computer loads and IGBT transistor technology ensures a fast response to changes in load and high efficiency as well as a reduced weight and physical size.

OPTIONS

The Best 610 is available with a variety of options including:

- Matching battery and distribution cubicles
- Extended autonomy to several hours
- Interface options
- External bypass switches

CheckUPS II software and cable provided for a complete power management solution.

Best Power
UNINTERRUPTIBLE POWER SYSTEMS

BEST POWER NEVER STOPS

The 610 Advantage

ON LINE RELIABILITY
The Best 610 offers state of the art protection for your critical equipment and yet is easy to install and operate. On power up the Best 610 performs extensive diagnostics to ensure ultimate reliability. During operation further diagnostics are performed constantly making microadjustments as required, to ensure premium power.

TOTAL PRODUCT RANGE
With power ratings from 700VA to 20kVA, offering single and three-phase inputs, the Best 610 has the versatility you need and with so many power ratings, it's easy to standardise the Best 610 for all your power protection requirements.

WORLD CLASS QUALITY
All Best Power products are manufactured in factories operating to a standard of ISO9001 as a minimum. All units are CE marked.

EASE OF OPERATION
With one-button operation across the range, the Best 610 is so easy to control and the mimic flow panel presents information that is easy to interpret.

THREE-PHASE INPUT
From 10kVA to 20kVA the Best 610 is available with a three-phase input. This ensures an equal use of power across all phases and eliminates the problems of large single-phase loads.

POWER FACTOR CORRECTION
One of the many advanced features of the Best 610 is the input power correction circuit. This prevents harmful harmonic distortion from being fed back to the supply.

ALL UPS COMPANIES ARE NOT THE SAME
Best Power manufactures off-line, line interactive, single conversion, double conversion and ferroresonant UPS. We are experts in the art of power protection and our goal is to supply you with the right system for your application. UPS topologies can be confusing, that's why Best Power has teams of experts that can help you make the right choice. Best Power also offers customer service, technical assistance and field service engineers who are standing by ready to help.

The Best 610 Communications Suite

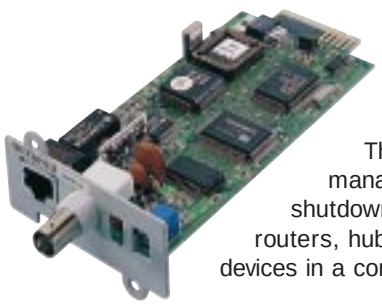
FREE SOFTWARE
CheckUPS II monitoring and shutdown software suite comes FREE with every Best 610 UPS and includes the interface cable.

CheckUPS II is supplied on CD Rom and is a complete suite of our most advanced monitoring and shutdown software, with many features exclusive to Best Power, including:

- User-defined event configuration
- Network broadcasting and paging
- E-mailing power events
- Power line monitoring and recording
- Remote control of the UPS
- Scheduled shutdowns

ADVANCED CONNECTIVITY
The Best 610 also caters for the advanced user who may require an additional interface to work instead of, or in conjunction with, the CheckUPS Suite. Every Best 610 has space for a smart card providing an additional interface protocol including:

AS/400 SMARTCARD
The AS/400 option simply slots into the rear of the Best 610 and offers a DB9 or ES2 connector.



BESTLINK
The new BestLink SNMP/WEB Adapter is a network adapter for UPS that provides both SNMP and HTTP compatibility. This allows you to easily monitor, manage and if necessary safely shutdown remote UPS-protected servers, routers, hubs and other key internetworking devices in a controlled manner over the internet.

B E S T 6 1 0

700VA TO 20kVA (230V)

U N I N T E R R U P T I B L E P O W E R S Y S T E M S

230V SPECIFICATIONS

	Single-Phase Input							Three-Phase Input		
Rating	**700VA**	**1.0kVA**	**1.5kVA**	**2.0kVA**	**3.0kVA**	**6.0kVA**	**10.0kVA**	**10.0kVA**	**15.0kVA***	**20.0kVA***
Dimensions H x W x D (mm)	220 x 145 x 400		397x145x224	350 x 192 x 455		705x260x555	980x340x640	980x340x640	980 x 380 x 625	
Weight (kg)	11.5	14	19	35	37	91	150	230	175	175
Autonomy at Typical Load	10 Minutes	10 Minutes	10 Minutes	12 Minutes	10 Minutes	8 Minutes	12 Minutes	12 Minutes	18 Minutes*	12 Minutes*
Input										
Input Voltage	Single-Phase AC 230V							Three-Phase 4 wire AC 400V		
Input Voltage Range	160 - 276Vac for Single-Phase and 304 - 478Vac for Three-Phase									
Input Frequency	50/60 ± 5%									
Temperature Range	0˚C to 40˚C									
Input Power Factor	.95 at full load meets IEC555-2									
Sound Level @ 1 Metre	41dBA	41dBA	50dBA	50dBA	50dBA	55dBA	65dBA	55dBA	65dBA	65dBA
Input Connection	IEC320				IEC320 C19	Hard Wired to terminal block				
Output										
Output Voltage	Single Phase AC 230V									
Output Voltage Regulation	3%									
Output Waveform	Sinewave									
Output Frequency	50/60 selectable									
Output Connection	IEC320 x4				IEC320 C19 IEC320 x4	Hard wired				
Indicators										
UPS Status	Mimic Flow Panel for all models									
Load Level	LCD bar display on all models									
Battery Level	LCD bar display on all models									
Audible Alarms										
Battery Discharge (initial)	Every 4 seconds									
Battery Discharge (end)	Every 1 second									
Overload	Every 1 second									
UPS Fault	Continuous									

* Batteries are separate

All specifications subject to change without notice.

SHOULD YOU REQUIRE MORE INFORMATION

Best Power is the leading manufacturer of UPS from 250VA to 2.0MVA. We would be delighted to send you more detailed information on the Best 610 or any of our other power protection solutions.
With over 75 years in the field of power protection, our advice and expertise is available and just a phone call away. Please call a member of the Best Power technical sales team who will be happy to discuss your application.

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Best Power offers a complete line of Uninterruptible Power Systems from 250VA to 2.0MVA.

Best Power
UNINTERRUPTIBLE POWER SYSTEMS

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